

INTERNATIONAL SEARCH REPORT

national application No.

PCT/KR03/00631

A. CLASSIFICATION OF SUBJECT MATTER

IPC7 C07H 21/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

C07H 21/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

NCBI PubMed database, NCBI GenBank database, STN CA, "dendritic cell", "Microarray", "polynucleotide", "chip"

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6,361,939 B1(Schering Corporation) 26 Mar. 2002 see the whole documents	3, 5, 6, 9, 12, 14-15, 18-19
X	Francois Le Naour et al., "Profiling Changes in Gene Expression during Differentiation and Maturation of Monocyte-derived Dendritic Cells Using Both Oligonucleotide Microarray and Proteomics", The J. of Biological Chemistry, 276(21), 17920-17931, 2001 see the whole documents	3, 5, 7, 11-12, 14, 16, 18, 20
Y	Natalia et al., "Expression of Renin-Angiotensin System Genes in Immature and Mature Dendritic Cells Identified Using Human cDNA Microarray", Biochemical and Biophysical Commun., 285, 1059-1065, 2001. see the whole documents	1-20
Y	Natalia et al., "Expression of Renin-Angiotensin System Genes in Immature and Mature Dendritic Cells Identified Using Human cDNA Microarray", Biochemical and Biophysical Commun., 275, 731-738, 2000. see the whole documents	1-20
A	WO 97/46685A1(Genetic Institute, Inc.) 11 dec. 1997 see the whole documents	1-20

 Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents:
 "A" document defining the general state of the art which is not considered to be of particular relevance
 "E" earlier application or patent but published on or after the international filing date
 "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)
 "O" document referring to an oral disclosure, use, exhibition or other means
 "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
 "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
 "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
 "&" document member of the same patent family

Date of the actual completion of the international search 12 AUGUST 2003 (12.08.2003)	Date of mailing of the international search report 12 AUGUST 2003 (12.08.2003)
Name and mailing address of the ISA/KR Korean Intellectual Property Office 920 Dunsan-dong, Seo-gu, Daejeon 302-701, Republic of Korea Facsimile No. 82-42-472-7140	Authorized officer KWON, Oh Sig Telephone No. 82-42-481-5773



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Information on patent family members

International application No.

PCT/KR03/00631

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US6361939B1	26. 03. 2002	US6361938B1	26. 03. 2002
W09709953A1	20. 03. 1997	W09709953A1	20. 03. 1997